

PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	PA1906 PCT 1
I	Title of invention	CORONARY SINUS APPROACH FOR REPAIR OF MITRAL VALVE REGURITATION
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	MEDTRONIC VASCULAR, INC.
II-5	Address	IP Legal Department 3576 Unocal Place Santa Rosa, California 95403 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	707-525-0111
II-9	Facsimile No.	707-543-5420
III-1	Applicant and/or Inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	RAFIEE, Nasser
III-1-5	Address	39 Abbot Street Andover, Massachusetts 01810 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	DOUK, Nareak
III-2-5	Address	905 Lakeview Avenue Lowell, Massachusetts 01850 United States of America
III-2-6	State of nationality	US
III-2-7	State of residence	US
III-3	Applicant and/or inventor	
III-3-1	This person is	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	CRITTENDEN, James
III-3-5	Address	Medtronic Vascular - Danvers 37A Cherry Hill Drive Danvers, Massachusetts 01923 United States of America
III-3-6	State of nationality	US
III-3-7	State of residence	US
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	MARESH, Catherine
IV-1-2	Address	IP Legal Department Medtronic Vascular Inc. 3576 Unocal Place Santa Rosa, California 95403 United States of America
IV-1-3	Telephone No.	707-543-0221
IV-1-4	Facsimile No.	707-543-5420
IV-1-5	e-mail	catherine.maresh@medtronic.com
IV-1-6	Agent's registration No.	35,268
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	

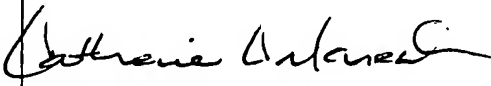
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Paper Copy (NOT for submission)

VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	12 November 2003 (12.11.2003)	
VI-1-2	Number	60/519,115	
VI-1-3	Country	US	
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	14	-
IX-3	Claims	2	-
IX-4	Abstract	1	✓
IX-5	Drawings	8	-
IX-7	TOTAL	29	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	reference no. DT-20	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the International application	English	

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X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	MARESH, Catherine
X-1-2	Name of signatory	
X-1-3	Capacity	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

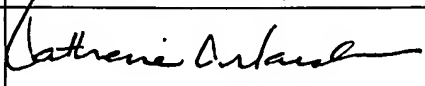
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11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared Using	
0-4-1	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)	
0-9	Applicant's or agent's file reference	
2	Applicant	
12	Calculation of prescribed fees	
12-1	Transmittal fee T	⇒ 300
12-2-1	Search fee S	⇒ 1920
12-2-2	International search to be carried out by	EP
12-3	International filing fee (first 30 sheets) I1	1134
12-4	Remaining sheets	0
12-5	Additional amount (X)	0
12-6	Total additional amount I2	0
12-7	I1 + I2 = I	1134
12-12	EASY Filing reduction R	-81
12-13	Total International filing fee (I-R) I	⇒ 1053
12-14	Fee for priority document Number of priority documents requested	1
12-15	Fee per document (X)	20
12-16	Total priority document fee: P	⇒ 20
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒ 3293
12-19	Mode of payment	authorization to charge deposit account
12-20	Deposit account instructions The receiving Office	United States Patent and Trademark Office (USPTO) (RO/US)
12-20-1	Authorization to charge the total fees indicated above	✓
12-20-2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above	✓
12-20-3	Authorization to charge the fee for priority document	✓
12-21	Deposit account No.	01-2525
12-22	Date	19 November 2004 (10.11.2004)
12-23	Name and signature	

I. Certification under 37 CFR 1.10 (if applicable)

EV 325092085 US

Express Mail mailing number

11/10/2003

Date of Deposit

I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of person mailing correspondence

Kim S. Grigg

Typed or printed name of person mailing correspondence

II. ☒ New International Application

TITLE	CORONARY SINUS APPROACH FOR REPAIR OF MITRAL VALVE REGURITATION
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Earliest priority date (Day/Mon/Year)
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12/11/2003 (12-Nov-03)

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. ☐ The invention disclosed was not made in the United States.
- B. ☐ There is no prior U.S. application relating to this invention.
- C. ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	60/519,115	filed on	12 November 2003 (12-11-2003)
application no.		filed on	

- D. ☐ The present international application ☐ contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15

III. ☐ A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. ☐ A Request for An Extension of Time to File a Response
- B. ☐ A Power of Attorney (General or Regular)
- C. ☐ Replacement pages:

pages		of the request (PCT/RO/101)	pages		of the figures
pages		of the description	pages		of the abstract
pages		of the claims			

- D. ☐ Submission of Priority Documents

Priority document

Priority document

- E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing DisketteV. ☐ Other (please specify):

The person
signing this
form is the:

☐ Applicant☒ Attorney/Agent (Reg. No.)
35,268☐ Common Representative

Catherine C. Maresh, Senior Patent Counsel

Typed name of signer

Catherine C. Maresh

Applicant: Medtronic Vascular, Inc. Our File No: 6-568

Serial No: N/A Filing Date: N/A

Title of the Invention: N/A

Receipt in the U.S. Patent and Trademark Office of the following papers is acknowledged:

☒ Transmittal Letter ☒ PCT General Declaration and Power of Attorney

☐ Specification, ☐ pgs. ☐ Assignment

☐ Claims, ☐ Information Disclosure Statement

☐ Drawings, ☐ sheets ☐ Amendment/Response to Office Action, dated ☐

☐ Other: ☐

PCT

GENERAL POWER OF ATTORNEY

DT20 Rec'd PCT/PIO 01 OCT 2003

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s):

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Medtronic Vascular, Inc.
IP Legal Dept., 3576 Unocal Place
Santa Rosa, CA 95403
US

hereby appoints (appoint) the following person as: ☒ agent ☐ common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

JARO, Michael J., Reg. 34,472,
MARESH, Catherine C., Reg. 35,268
CRITTENDEN, James F., Reg. 39,560
BIKSA, Janis J., Reg. 33,648
Medtronic Vascular, Inc.
IP Legal Department
3576 Unocal Place
Santa Rosa, CA 95403
US

to represent the undersigned before

- ☒ all the competent International Authorities
☐ the International Searching Authority only
☐ the International Preliminary Examining Authority only

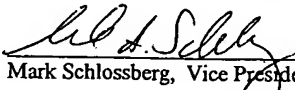
in connection with any and all international applications filed by the undersigned with the following Office

U.S. Patent and Trademark Office

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signatures of the applicant(s) (where there are several persons, each of them must sign; next to the signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):


Mark Schlossberg, Vice President

and General Manager

Date: 9/29/2003

In the United States Patent & Trademark Office
FILING ACKNOWLEDGMENT

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DT07 Rec'd PCT/PTO 11 NOV 2004
In the United States Patent & Trademark Office
FILING ACKNOWLEDGMENT

Mailing Date:	10 November 2004	Appln. No.:	
Ref No.:	PA1906 PCT 1	Filing Date:	11 November 2004
Inventor(s):	N. Rafiee, et al.	Atty/Lgl Asst:	CCM/ksg
Title:	Coronary Sinus Approach For Repair of Mitral Valve Regurgitation		

X	Transmittal Letter	
X	PCT Request	
X	Specifications, 14 pages	
X	Claims, 2 pages	
X	Abstract, 1 page	
X	Drawings, 8 sheets	
X	Fee Calculation Sheet	
X	Copy of PCT General POA	
X	Return Postcard	

PCT/US 04/38004

NOV 29 2004

Please stamp the date of receipt of the enclosed documents and return this card to addressee

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